

What is claimed is:

Sub A1
1. A blower comprising a bearing box for housing a bearing formed in the center portion of a cylindrical casing, a rotor held on a shaft supported rotatably on the bearing, a stator consisting of a stator core and a coil held on the periphery of the bearing box, a ring-shaped magnet spaced from the stator at a given gap and a PC board connected to an extraction terminal of the coil and provided with an electronic circuit for controlling a current to the coil, wherein the extraction terminal is projected outward, the extraction terminal is connected electrically to the PC board injection-molded with the stator with a resin and the whole of the PC board is injection molded with a resin.

2. A blower according to Claim 1, wherein the resin molding of the whole of the PC board is carried out by the injection molding.

3. A blower according to Claim 2, wherein the whole of the PC board is in advance coated with a resin or impregnated with a resin and is injection molded with a resin.

4. A blower according to Claim 1, wherein the molding with a resin to the whole of the PC board is carried out by a casting molding.

Sub A2
5. A manufacturing method of a blower in which, a bearing box for housing a bearing in the center portion of a cylindrical casing is formed, a rotor is held on a shaft supported rotatably on the bearing, a stator consisting of a stator core and a coil held on the periphery of the bearing box, a ring-shaped magnet is provided on the rotor spaced from the stator at a given gap a PC board having an electronic circuit for controlling the current to the coil, wherein the manufacturing method comprises a step of projecting out the extraction terminal, a step of injection-molding a stator with a resin, a step of connecting electrically the extraction terminal to the PC board injection-molded with the stator with a resin and a step of molding the whole of the PC board with a resin.

6. A manufacturing method according to Claim 5, wherein the molding with a resin of the whole of the PC board is carried out by the injection molding.

7. A manufacturing method according to Claim 6, wherein, after a resin is coated on the whole of the PC board or the PC board is impregnated with a resin, the molding of the whole of the PC board is carried out by the injection molding.

8. A manufacturing method according to Claim 5, wherein the molding of the whole of the PC board is carried out by a casting molding.